

K112266

## **510 (K) SUMMARY**

MAY - 8 2012

This summary of 510(K) safety and effectiveness information is being submitted in accordance with requirements of SMDA 1990 and 21CFR 807.92.

**1. Submitter's Identification:**

Shandong Zhiyuan Medical Products Co., Ltd.  
No. 20 Shengshui Road  
Mihe Industry Park  
Qingzhou, Shandong, China

Date summary prepared: August 03, 2011

**2. Name of the Device:**

Shandong Zhiyuan Medical Products Co., Ltd.  
Synthetic Vinyl Patient Examination Gloves -- Powder Free, Yellow Color

**3. Predicate Device Information:**

Shijiazhuang Hongxiang Plastic Products Ltd.  
Synthetic Vinyl Patient Examination Gloves – Powder Free (K992821)

**4. Device Description:**

Classified by FDA's General and Plastic Surgery Device panel as Class I; 21 CFR 880.6250, Powder-Free Vinyl Patient Examination Glove, 80LYZ, and meets all requirement of ASTM Standard D5250-06.

**5. Intended Use:**

A patient examination glove is a disposable device intended for medical purposes that is worn on the hand of healthcare and similar personnel to prevent contamination between healthcare personnel and the patient's body, fluids, waste or environment.

**6. Comparison to Predicate Devices:**

Shandong Zhiyuan Medical Products Co., Ltd. Synthetic Vinyl Patient Examination Gloves, Powder-Free, yellow color are substantially equivalent in safety and effectiveness to the Shijiazhuang Hongxiang Plastic Products Co., Ltd.(K992821) and Shanghai Jiawang Industrial Co., Ltd. (K031854)

**7. Discussion of Non-Clinical tests performed for Determination of Substantial Equivalence are as follows:**

The standards used for Shandong Zhiyuan Medical Products Co., Ltd. glove production are based on ASTM-D-5250-06. All testing meets requirements for Physical and Dimensions Testing conducted on gloves, Inspection Level S-2, AOL 2.5.

The FDA 1000 ml. Water Fill Test was also conducted with samplings of AOL 2.5, Inspection Level I, meeting these requirements. Primary Skin irritation and Skin Sensitization (allergic contact dermatitis) testing was conducted with results showing no primary skin irritant or sensitization reactions.

There are no special labeling claims and we do not claim our gloves as hypoallergenic is conducted to insure that our gloves meet our “powder-free” claims (contain no more than 2 mg powder per glove).

**8. Discussion of Clinical Tests Performed:**

Not Applicable – There is no hypoallergenic claim.

**9. Conclusions:**

Shandong Zhiyuan Medical Products Co., Ltd. Synthetic Vinyl Patient Examination Gloves, Powder-Free, yellow color conform fully to ASTM-D-5250-06 standard as well as applicable 21 CFR references, and, meets pinhole FDA requirements, biocompatibility requirements and labeling claims as shown by data in Section 7. There are no safety/efficacy issues or new claims from the “substantial equivalence” products cited.



## DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
10903 New Hampshire Avenue  
Document Control Room -WO66-G609  
Silver Spring, MD 20993-0002

Shandong Zhiyuan Medical Products Co., Ltd  
C/O Mr. Frank Liu  
Official Correspondent  
Basic Medical Industries, Inc.  
12390 East End Avenue  
Chino, California 91710

MAY - 8 2012

Re: K112266

Trade/Device Name: Patient Vinyl Examination Gloves, Powder Free, Non-Sterile,  
Yellow Color

Regulation Number: 21 CFR 880.6250

Regulation Name: Patient Examination Gloves

Regulatory Class: I

Product Code: LYZ

Dated: April 16, 2012

Received: April 19, 2012

Dear Mr. Liu:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please go to <http://www.fda.gov/AboutFDA/CentersOffices/CDRH/CDRHOffices/ucm115809.htm> for the Center for Devices and Radiological Health's (CDRH's) Office of Compliance. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address <http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours,



Anthony D. Watson, B.S., M.S., M.B.A.  
Director  
Division of Anesthesiology, General Hospital,  
Infection Control and Dental Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure



## **Shandong Zhiyuan Medical Products Co., Ltd.**

**No. 20, shengshui Road, Mihe Industry Park  
Qingzhou, Shandong, China**

### **INDICATIONS FOR USE**

Applicant: Shandong Zhiyuan Medical Products Co., Ltd.

510(k) Number:

Device Name: Patient Vinyl Examination Gloves, Powder free, Non-Sterile,  
Yellow Color

Indications of Use:

A patient examination glove is a disposable device intended for medical purposes that is worn upon the examiner's hands or finger to prevent contamination between patient and examiner (21CFR 880.6250)

Prescription Use \_\_\_\_\_

Over the Counter Use  X

Factory Initials \_\_\_\_\_

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Elynn S. Uzanne-Will

(Division Sign-Off)

Division of Anesthesiology, General Hospital  
Infection Control, Dental Devices

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